

FIG. 1 (PRIOR ART)

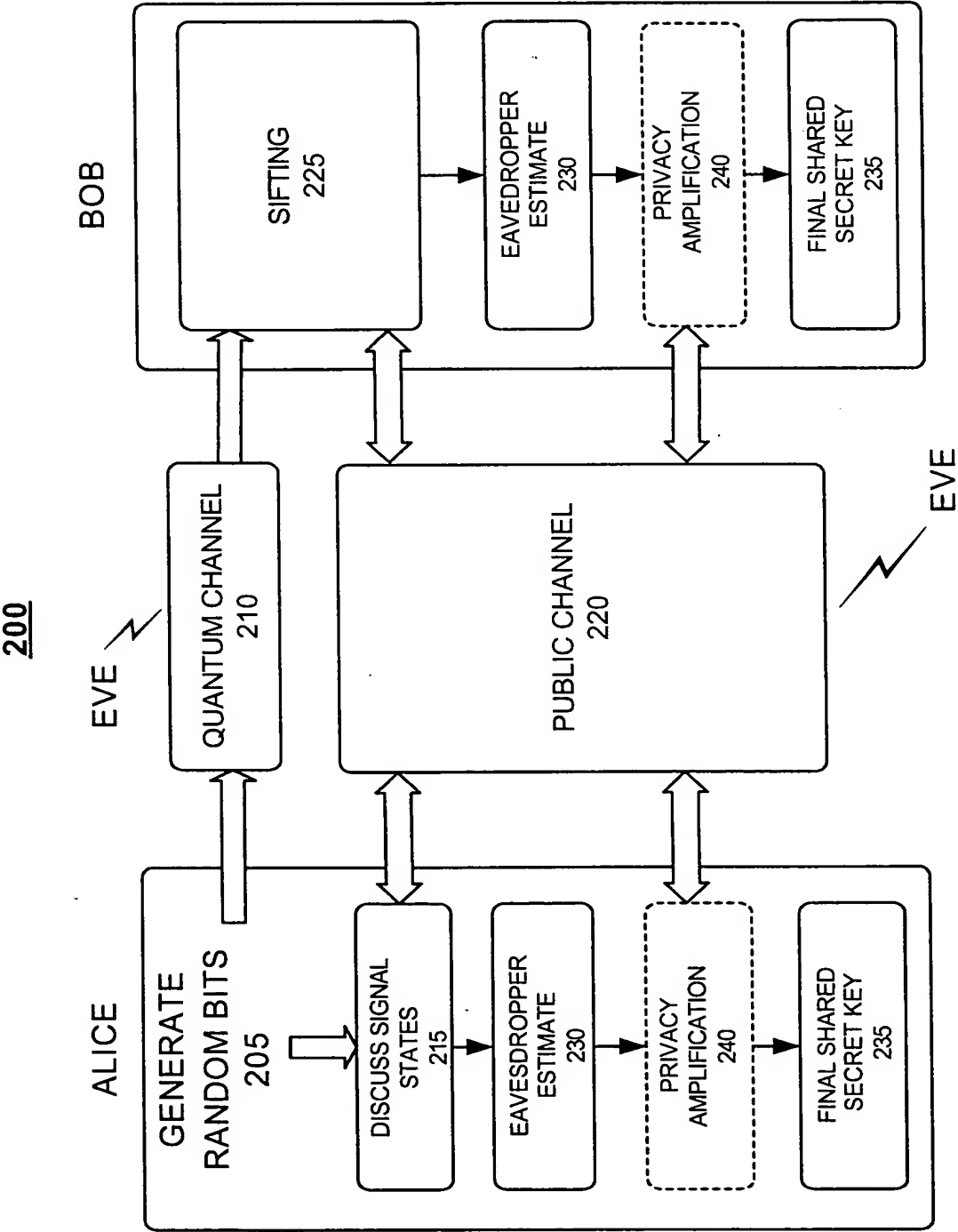


FIG. 2 (PRIOR ART)

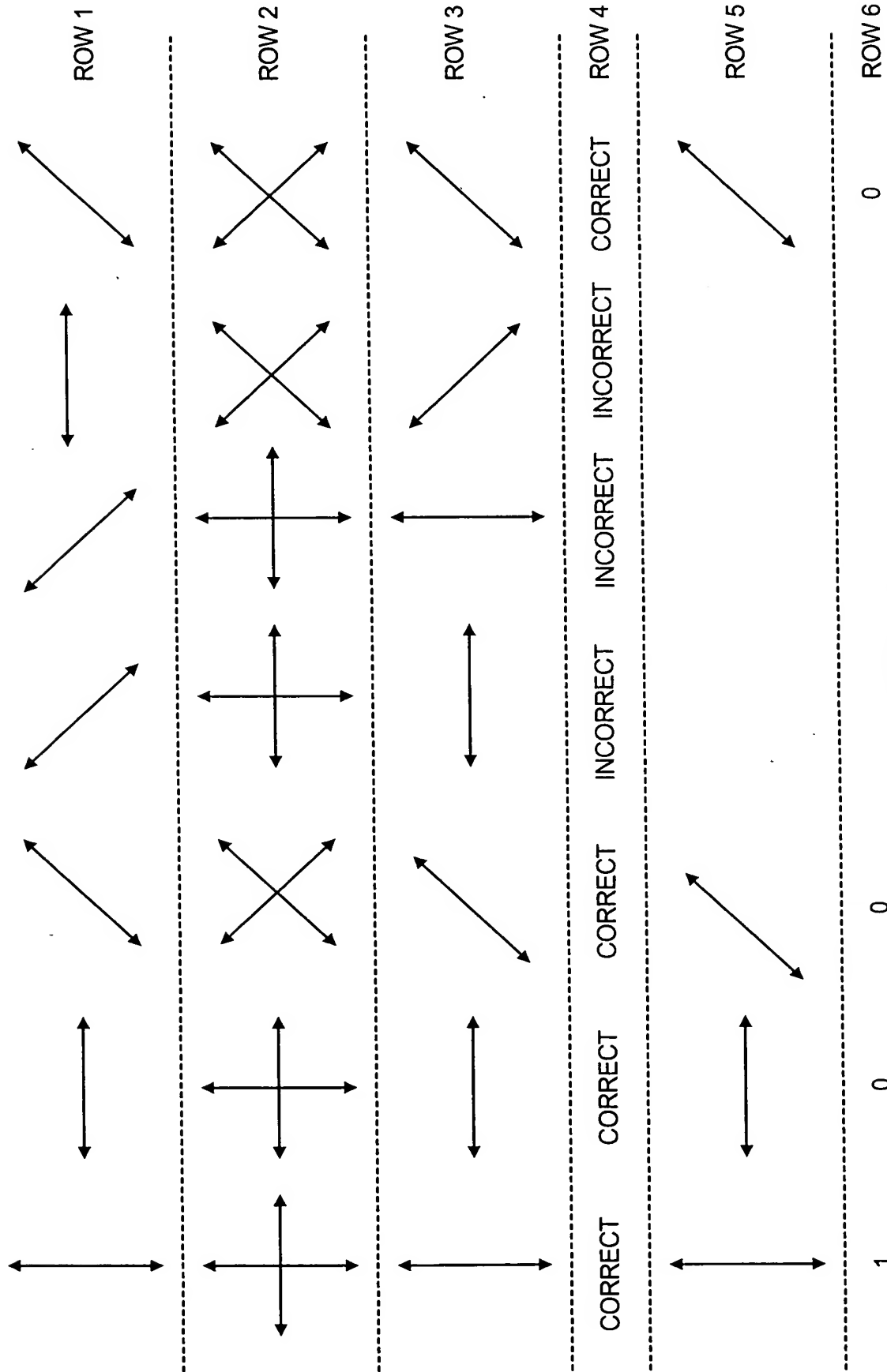


FIG. 3 (PRIOR ART)

400

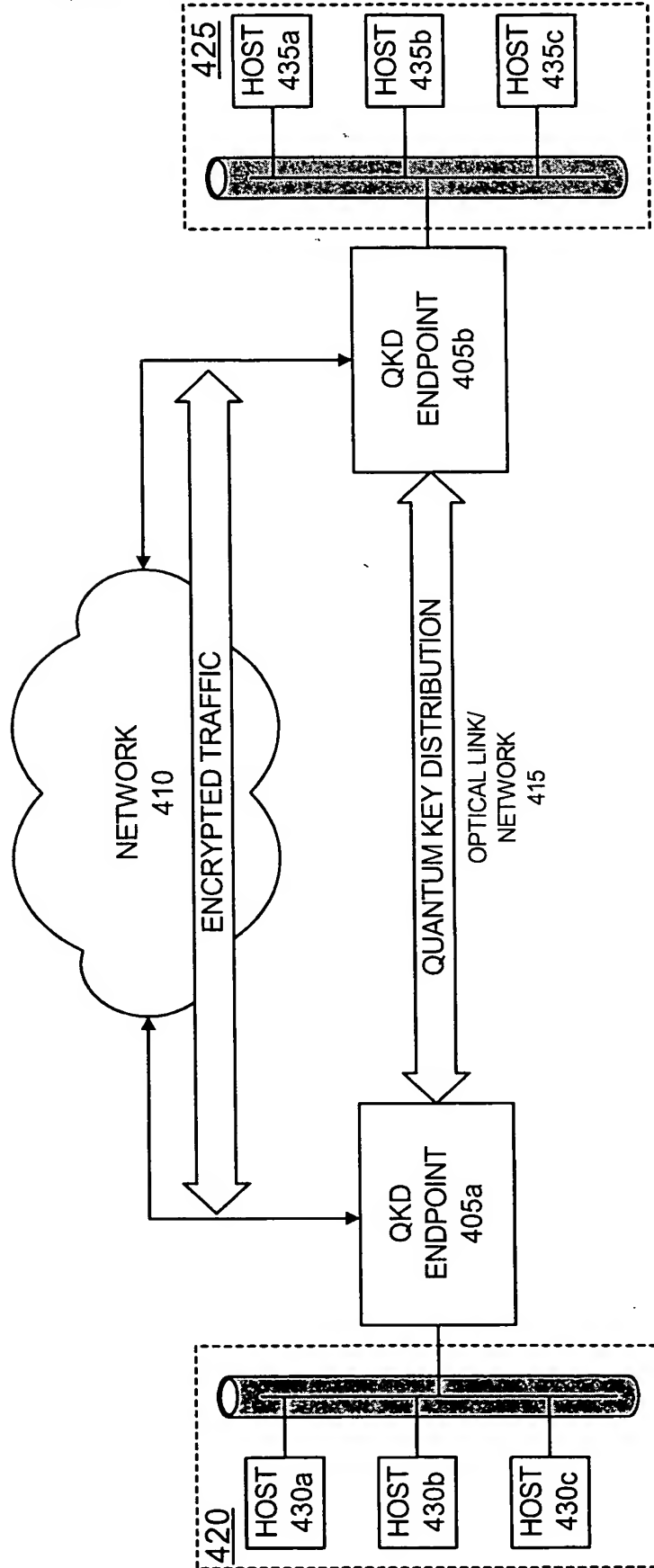


FIG. 4

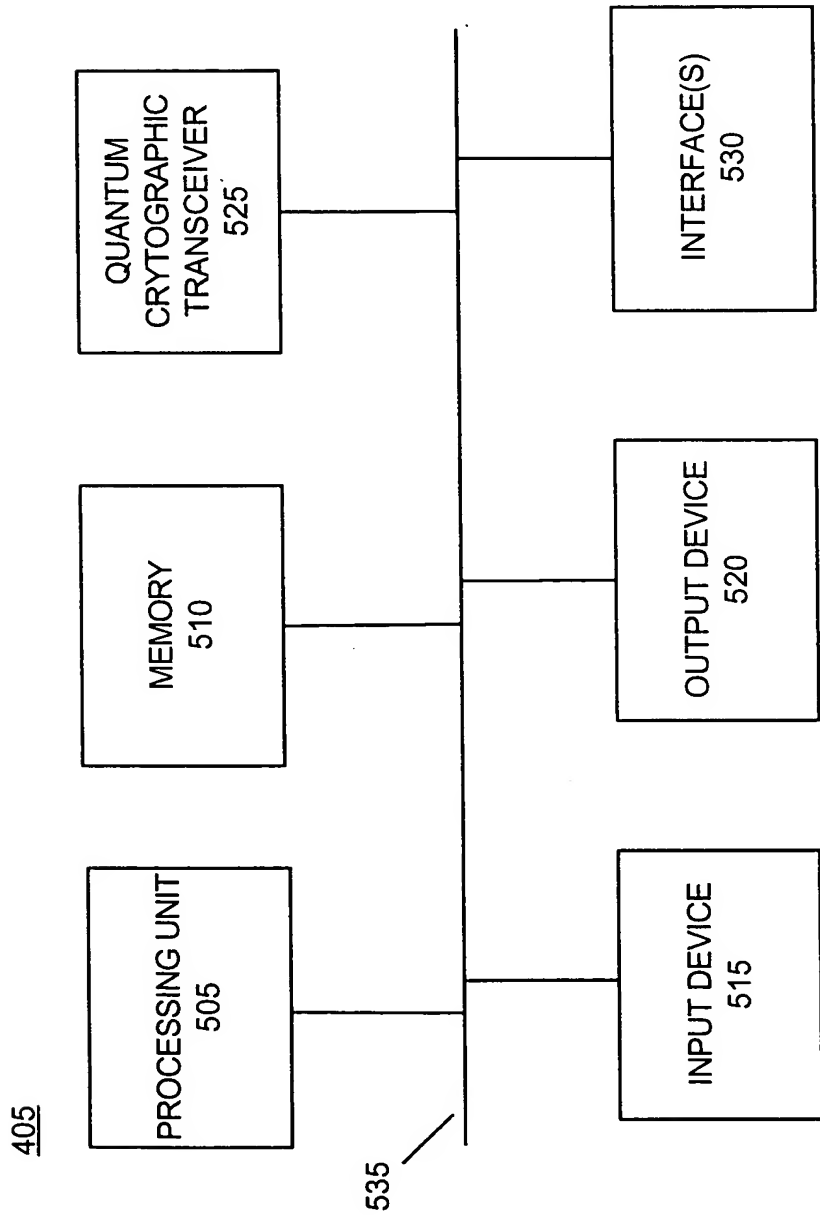


FIG. 5

525

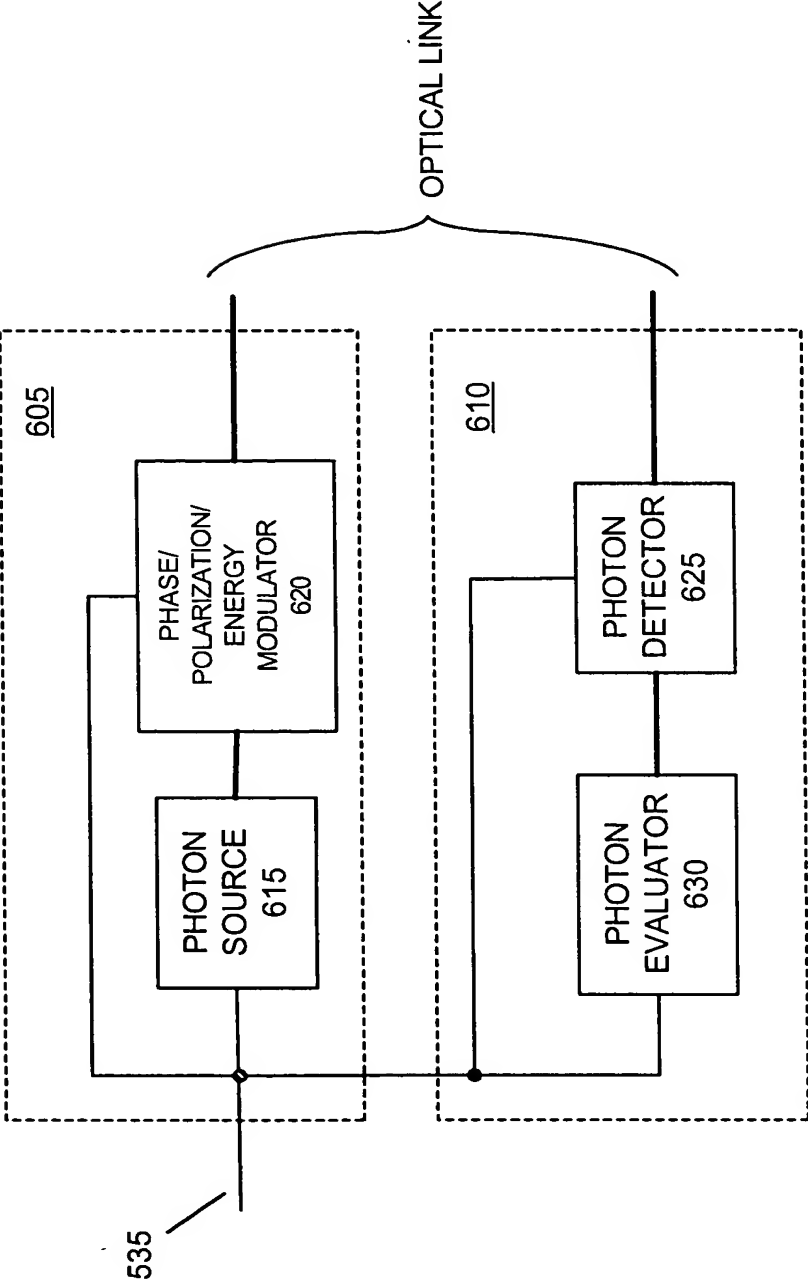


FIG. 6

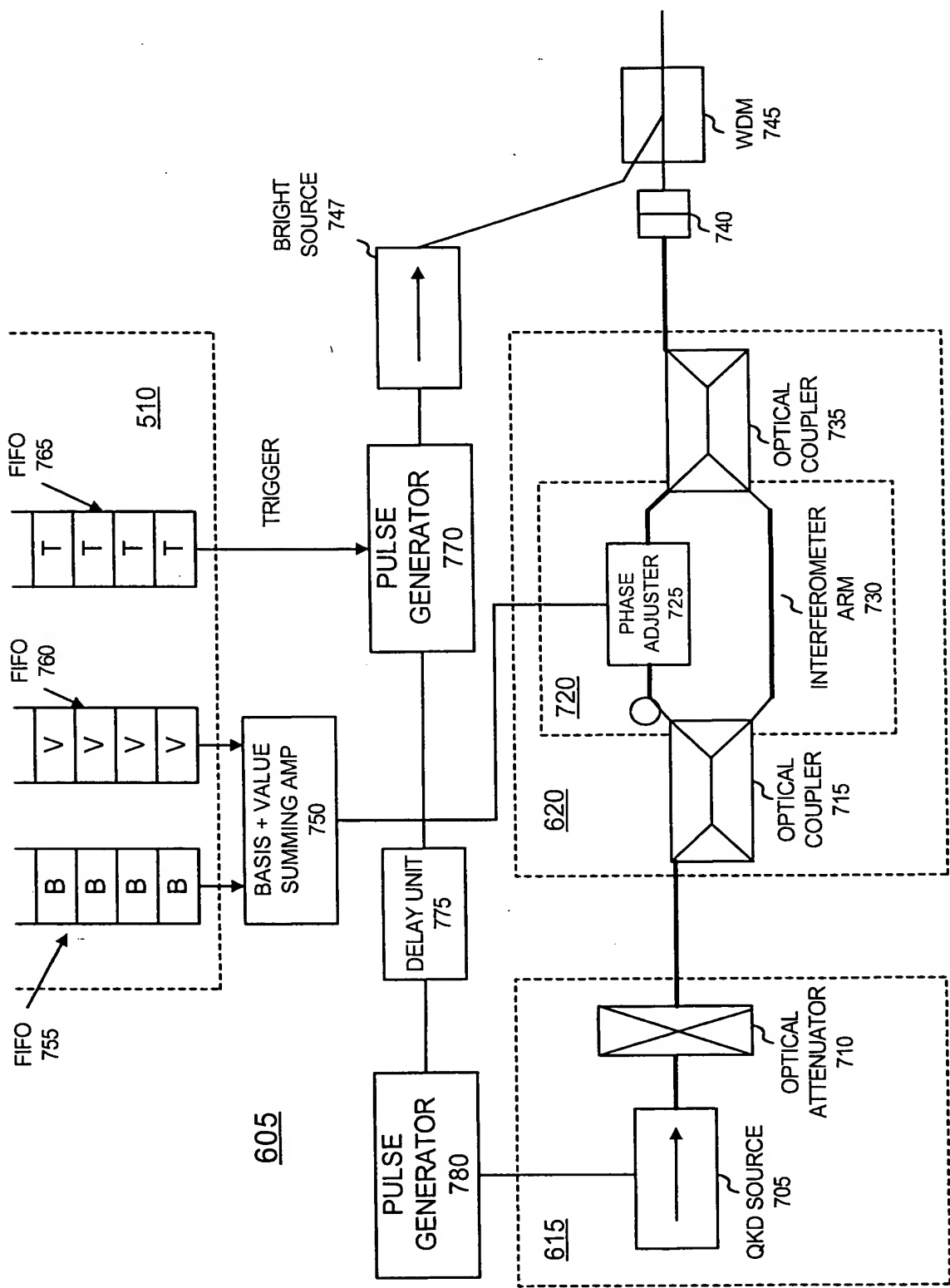


FIG. 7

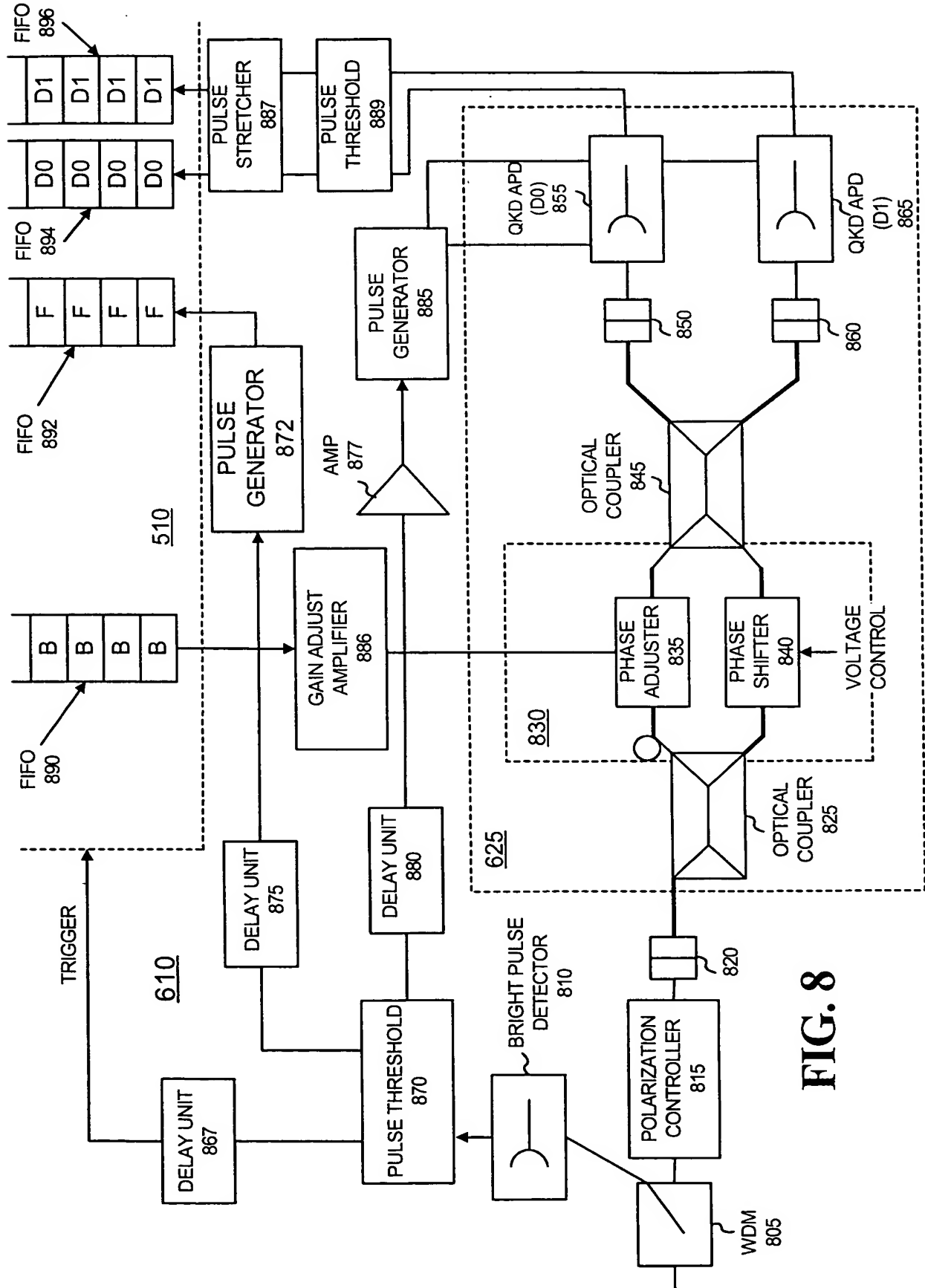


FIG. 8

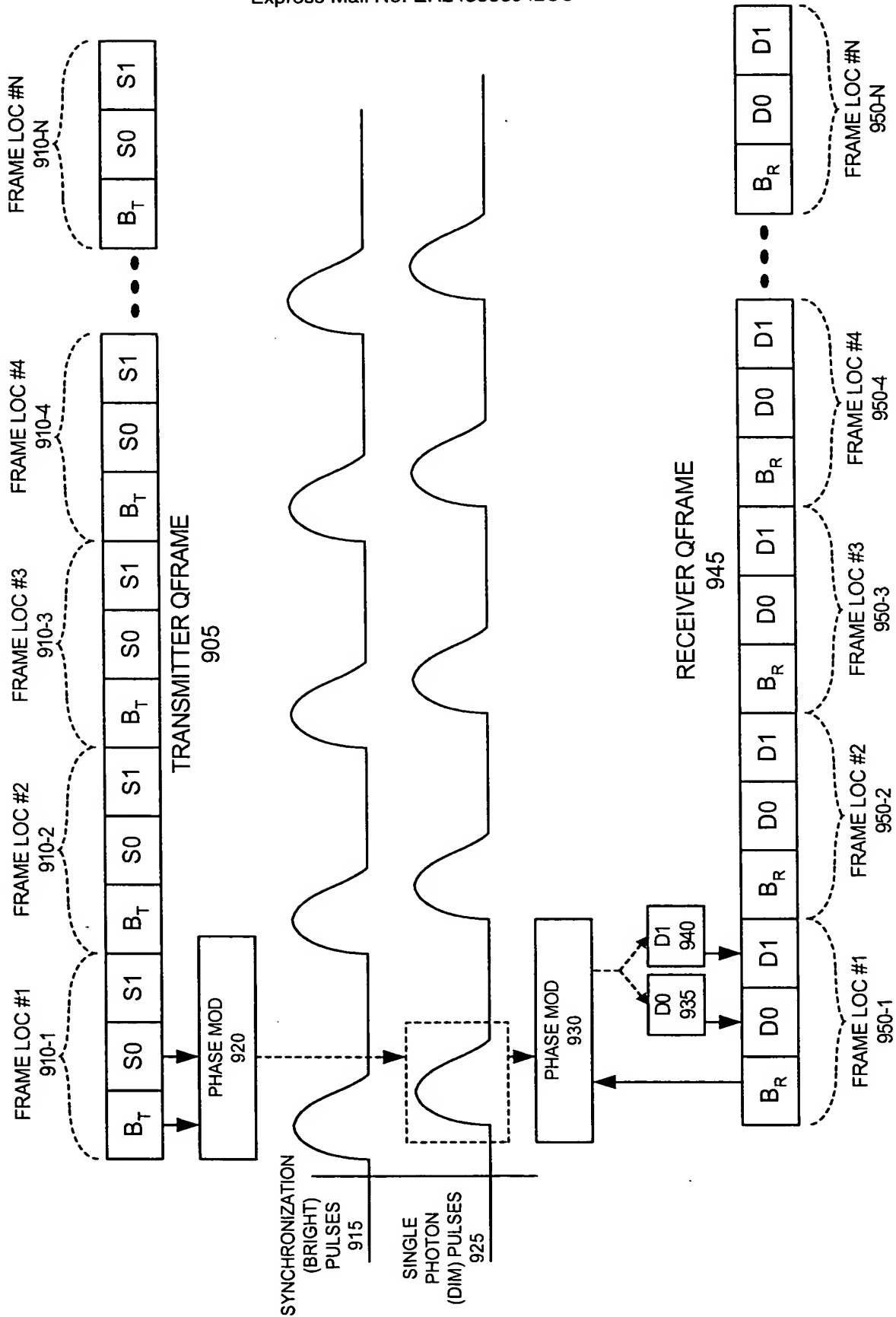
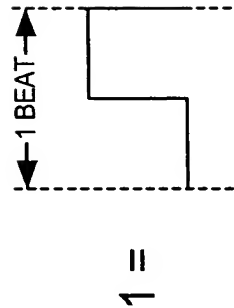
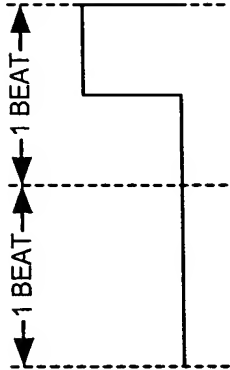


FIG. 9



1 =



0 =

FIG. 10B

FIG. 10A

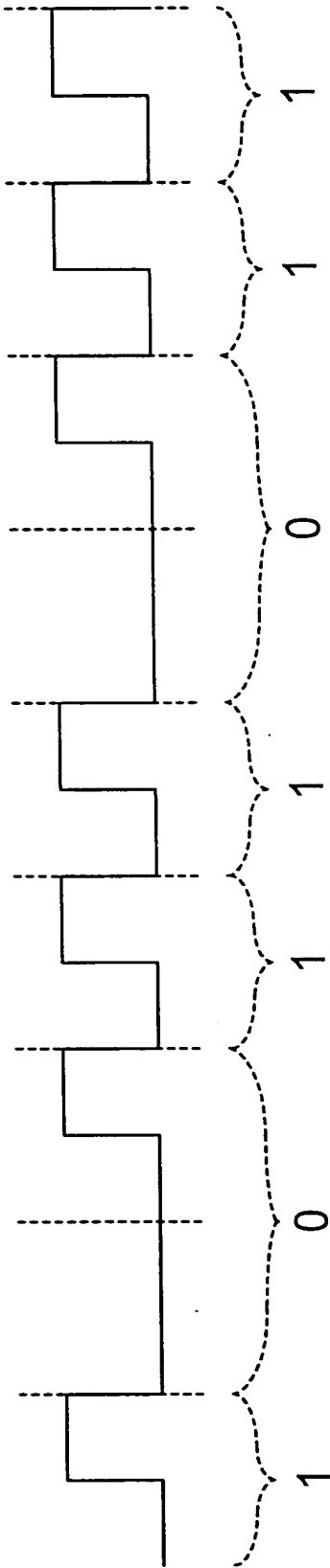


FIG. 10C

1100

FRAME HEADER
1115

BRIGHT PULSES
1105

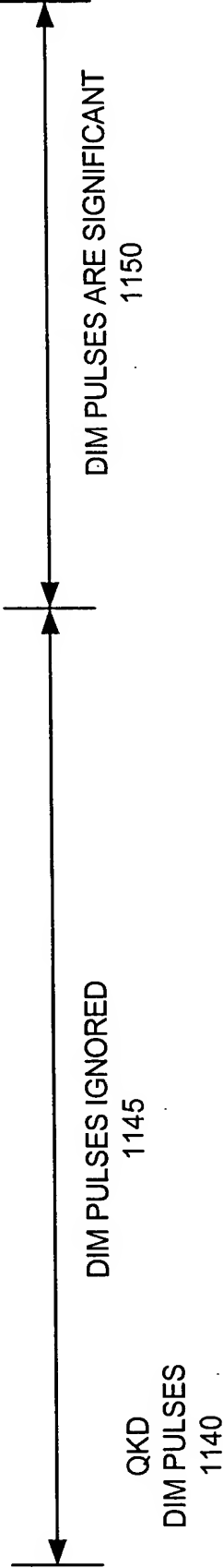
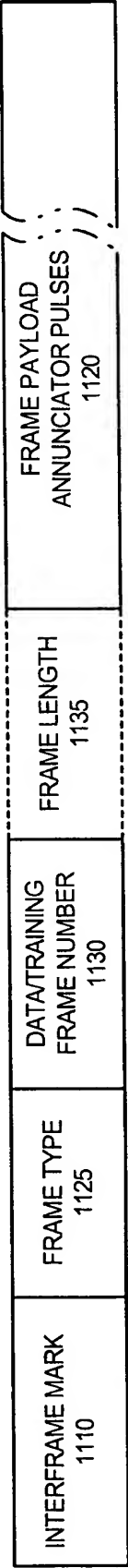


FIG. 11

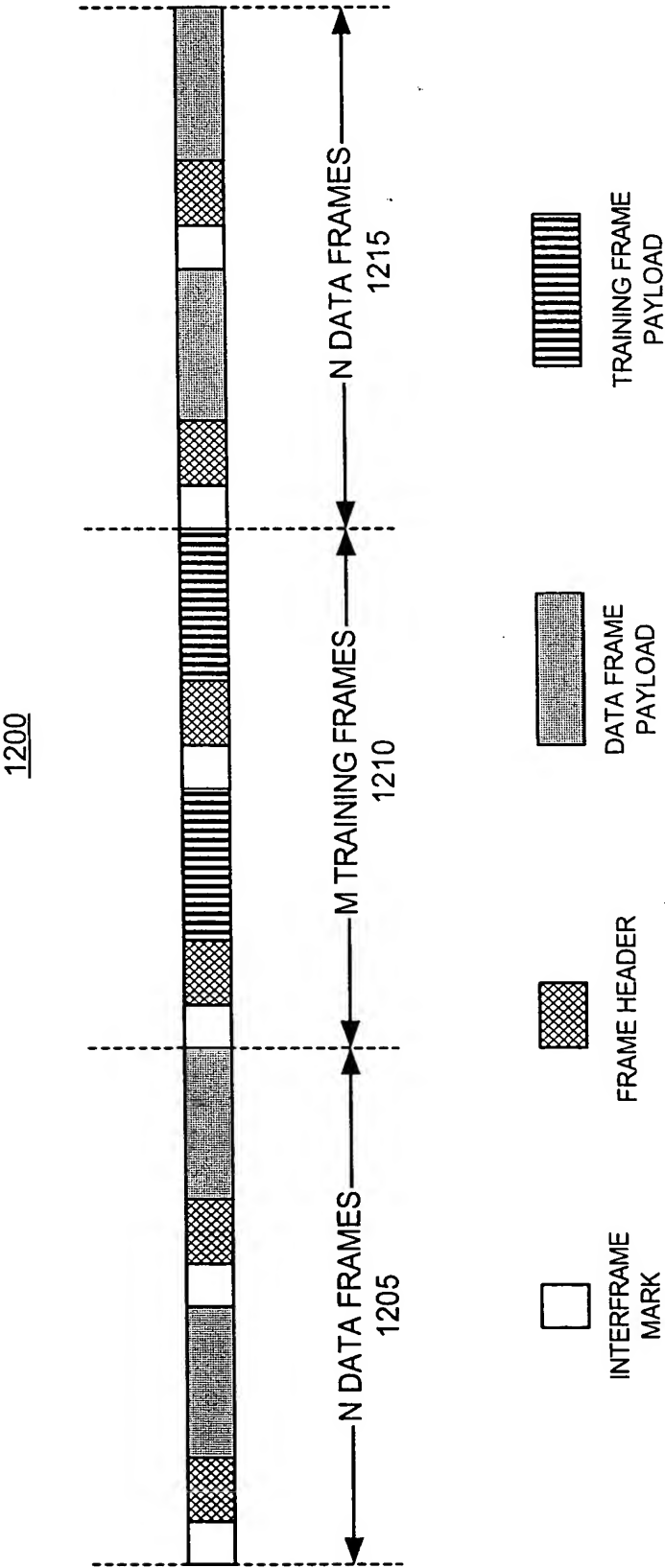


FIG. 12

COUNT TABLE
1300

ALICE (V, B) 1305	BOB (B _R) 1310	Φ_0 1315	BINNED COUNTS OF TRAINING EVENTS 1320			
			NO D0, D1 HITS 1325	D0 HIT 1330	D1 HIT 1335	D0 & D1 HITS 1340
ROW = 1 (0,0)	0	0				
ROW = 2 (0,0)	1	$3\pi/2$				
ROW = 3 (0,1)	0	$\pi/2$				
ROW = 4 (0,1)	1	0				
ROW = 5 (1,0)	0	π				
ROW = 6 (1,0)	1	$\pi/2$				
ROW = 7 (1,1)	0	$3\pi/2$				
ROW = 8 (1,1)	1	π				

COLUMN = 1 COLUMN = 2 COLUMN = 3 COLUMN = 4

FIG. 13

JOINT PROBABILITY TABLE
1400

A \ B	EVENT B ₀ 1425				EVENT B ₁ 1430				EVENT B ₂ 1435				EVENT B ₃ 1440				MARGINAL PROBABILITY 1450			
	EVENT A ₀ 1405				EVENT A ₁ 1410				EVENT A ₂ 1415				EVENT A ₇ 1420				MARGINAL PROBABILITY 1445			
	$P(A_0 \cap B_0)$				$P(A_1 \cap B_0)$				$P(A_2 \cap B_0)$				$P(A_7 \cap B_0)$				$P(B_0)$			
	$P(A_0 \cap B_1)$				$P(A_1 \cap B_1)$				$P(A_2 \cap B_1)$				$P(A_7 \cap B_1)$				$P(B_1)$			
	$P(A_0 \cap B_2)$				$P(A_1 \cap B_2)$				$P(A_2 \cap B_2)$				$P(A_7 \cap B_2)$				$P(B_2)$			
	$P(A_0 \cap B_3)$				$P(A_1 \cap B_3)$				$P(A_2 \cap B_3)$				$P(A_7 \cap B_3)$				$P(B_3)$			
	$P(A_0)$				$P(A_1)$				$P(A_2)$				$P(A_7)$				$\sum = 1$			

FIG. 14

PATH LENGTH DIAGRAM
1500

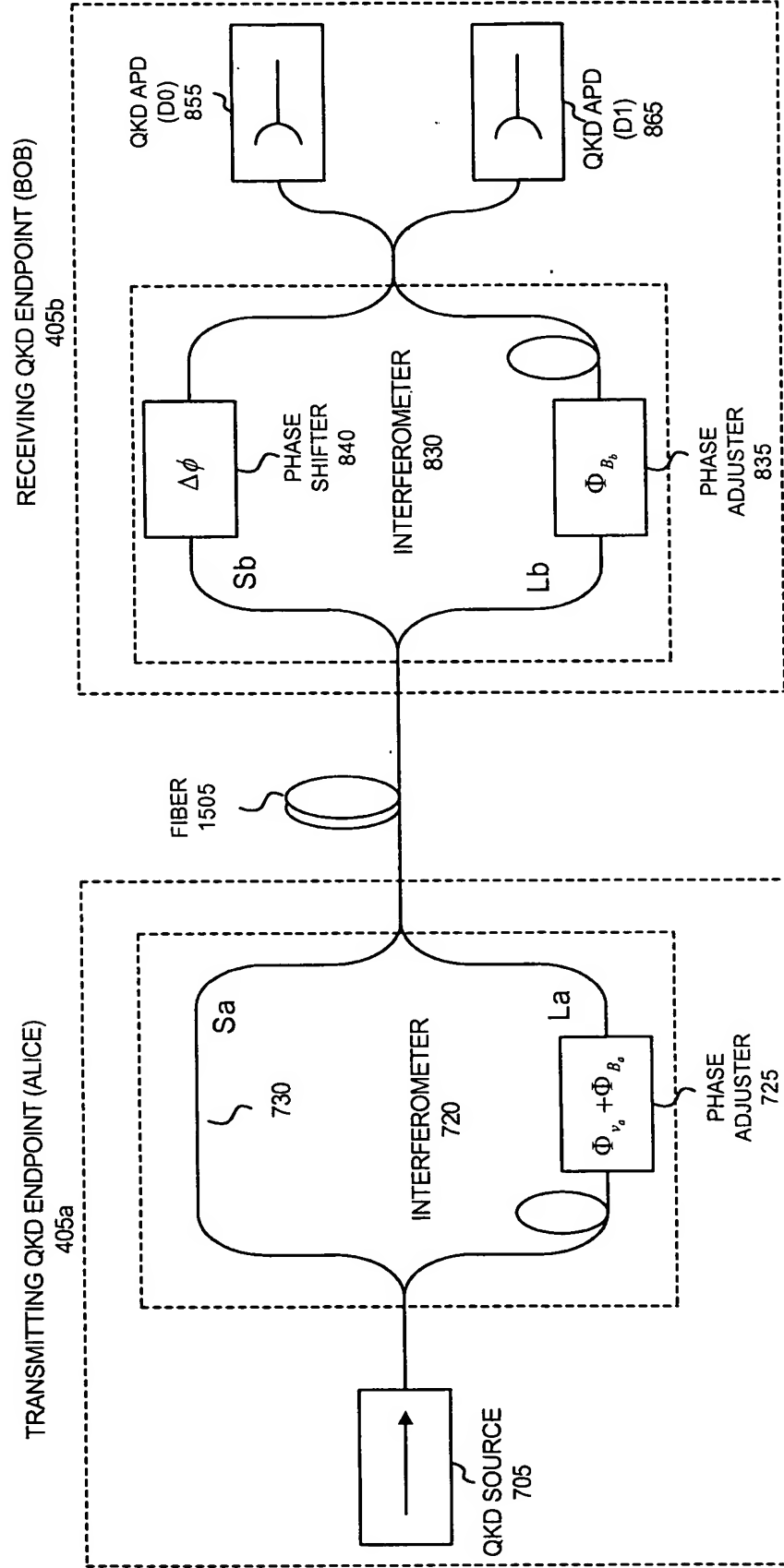


FIG. 15

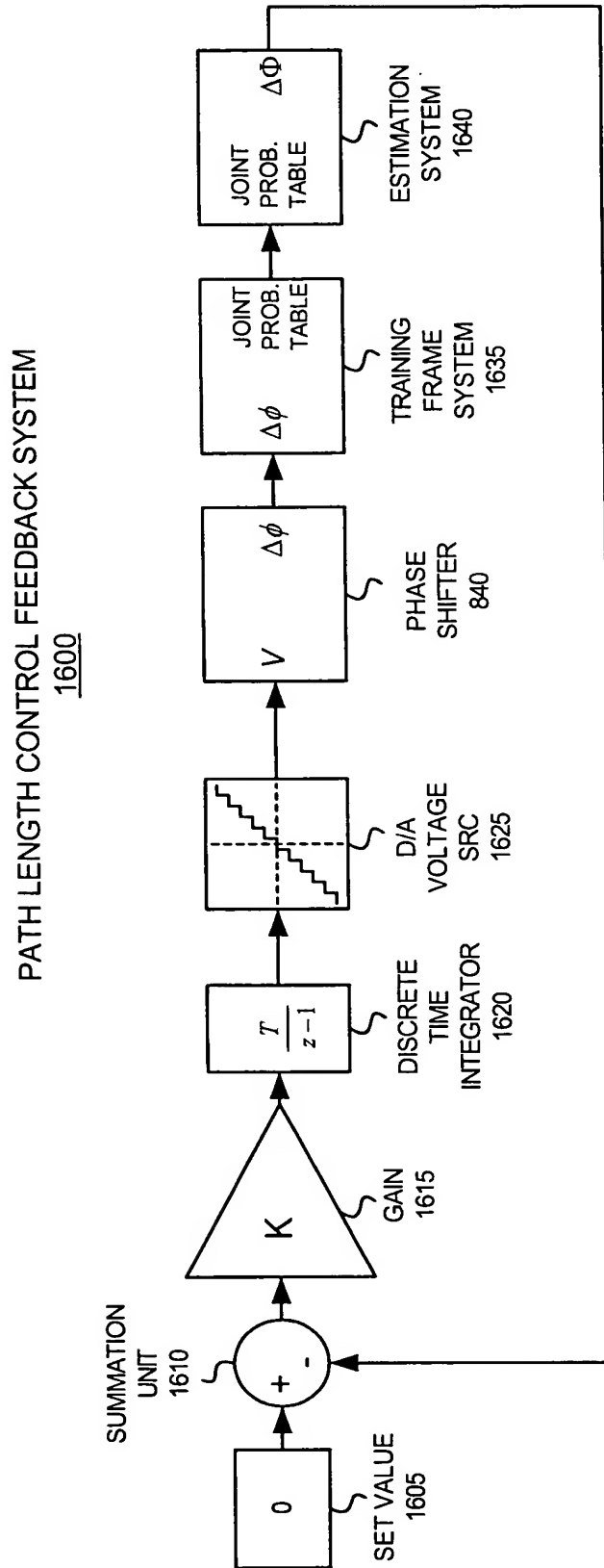


FIG. 16

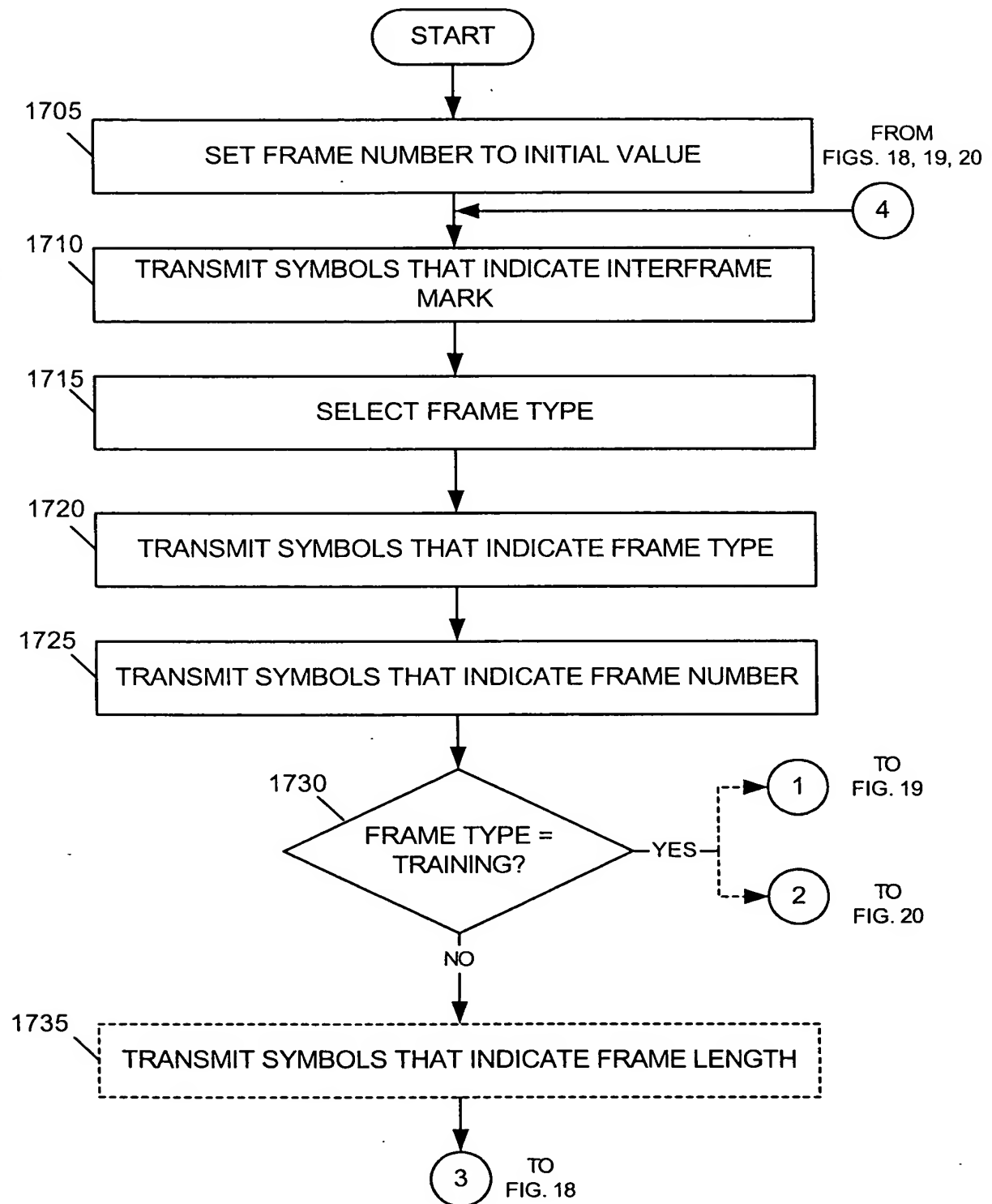


FIG. 17

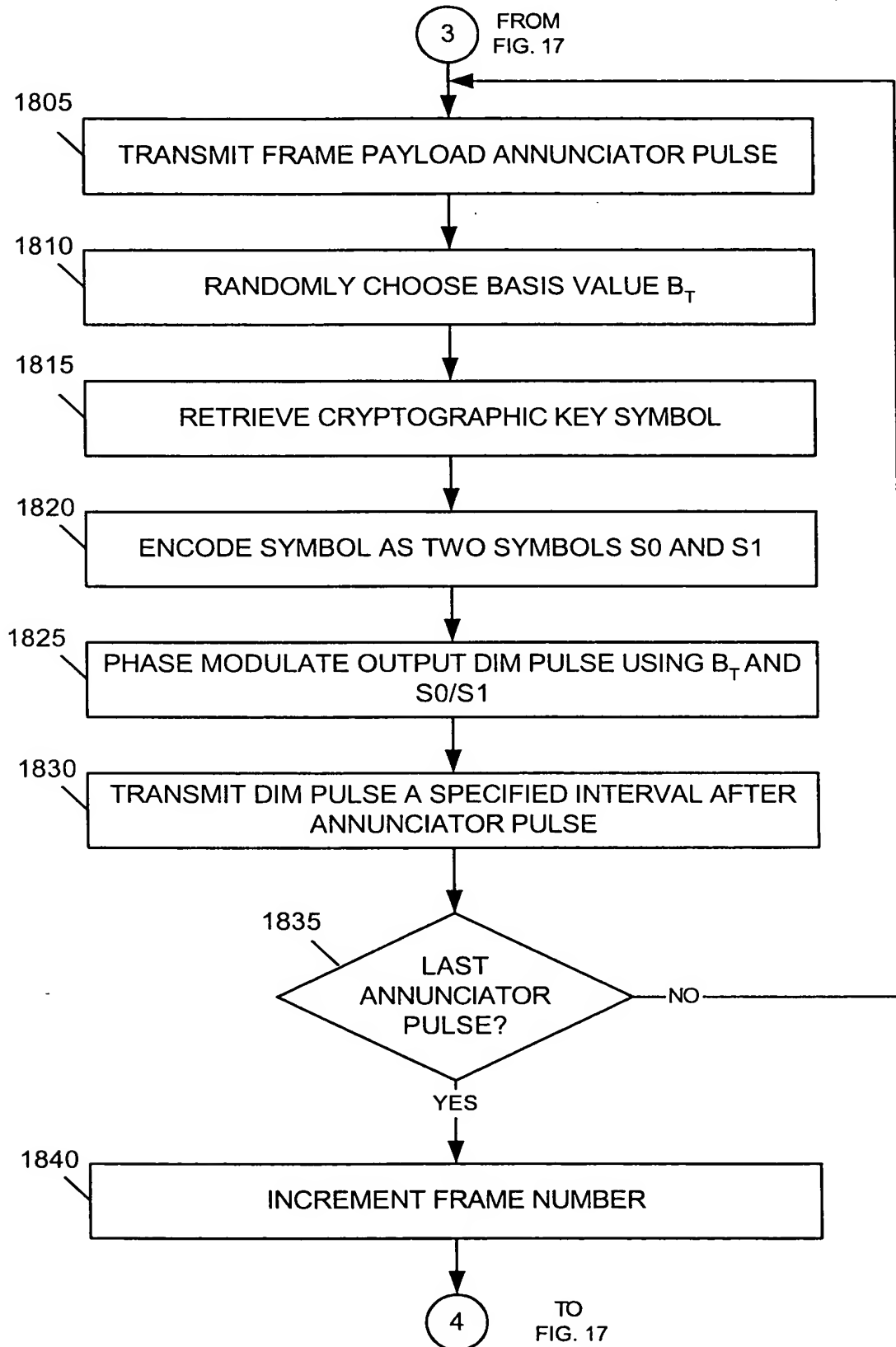


FIG. 18

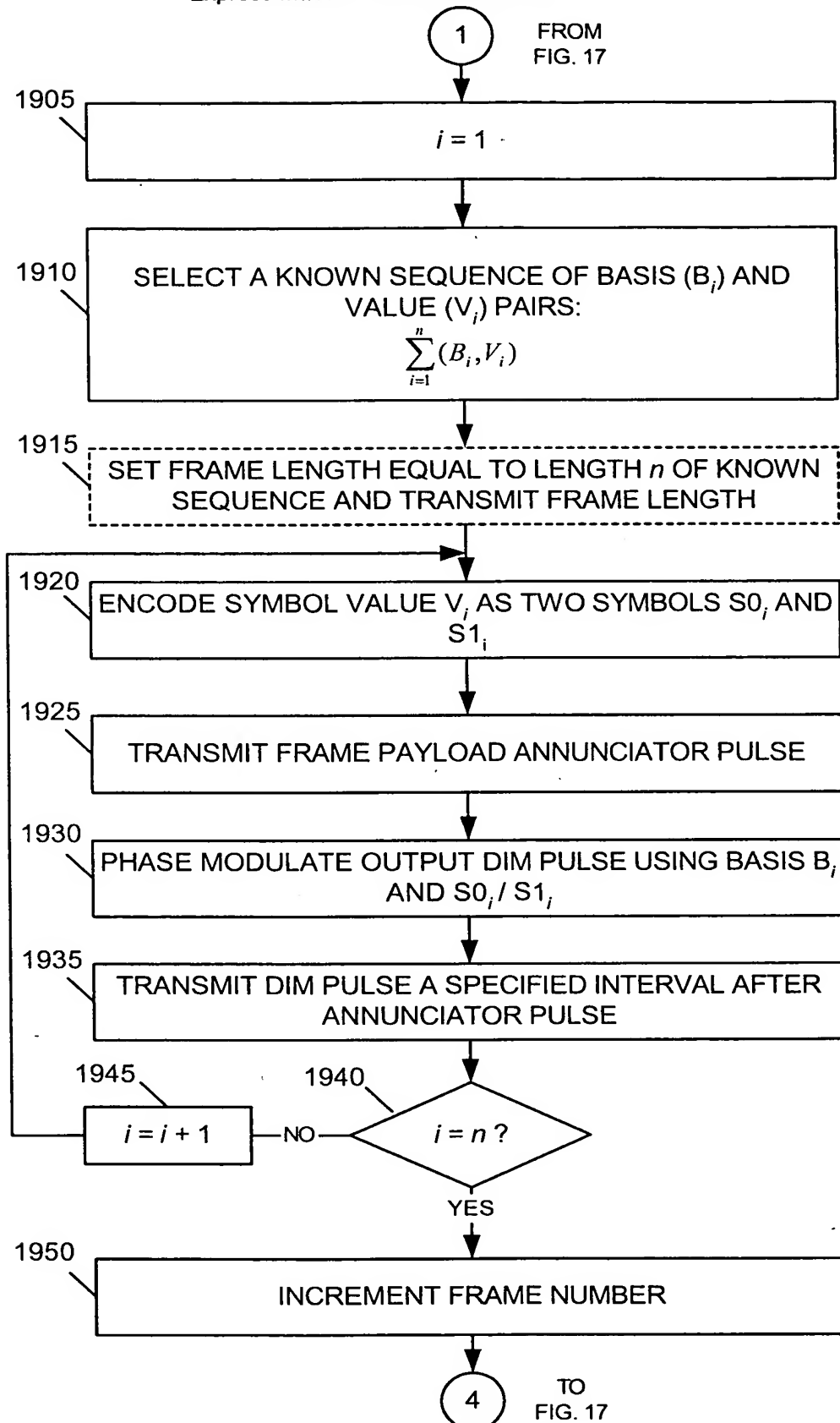


FIG. 19

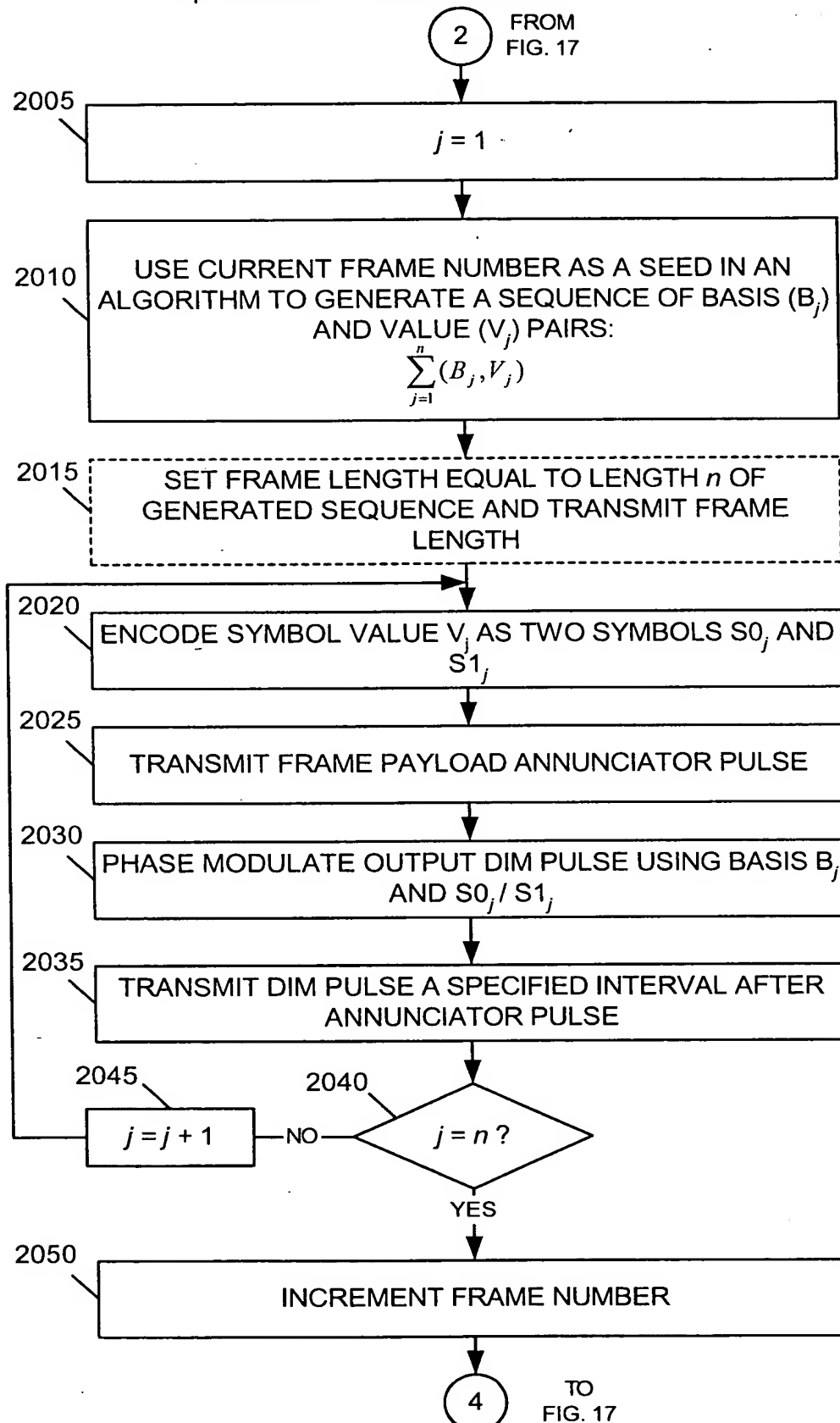


FIG. 20

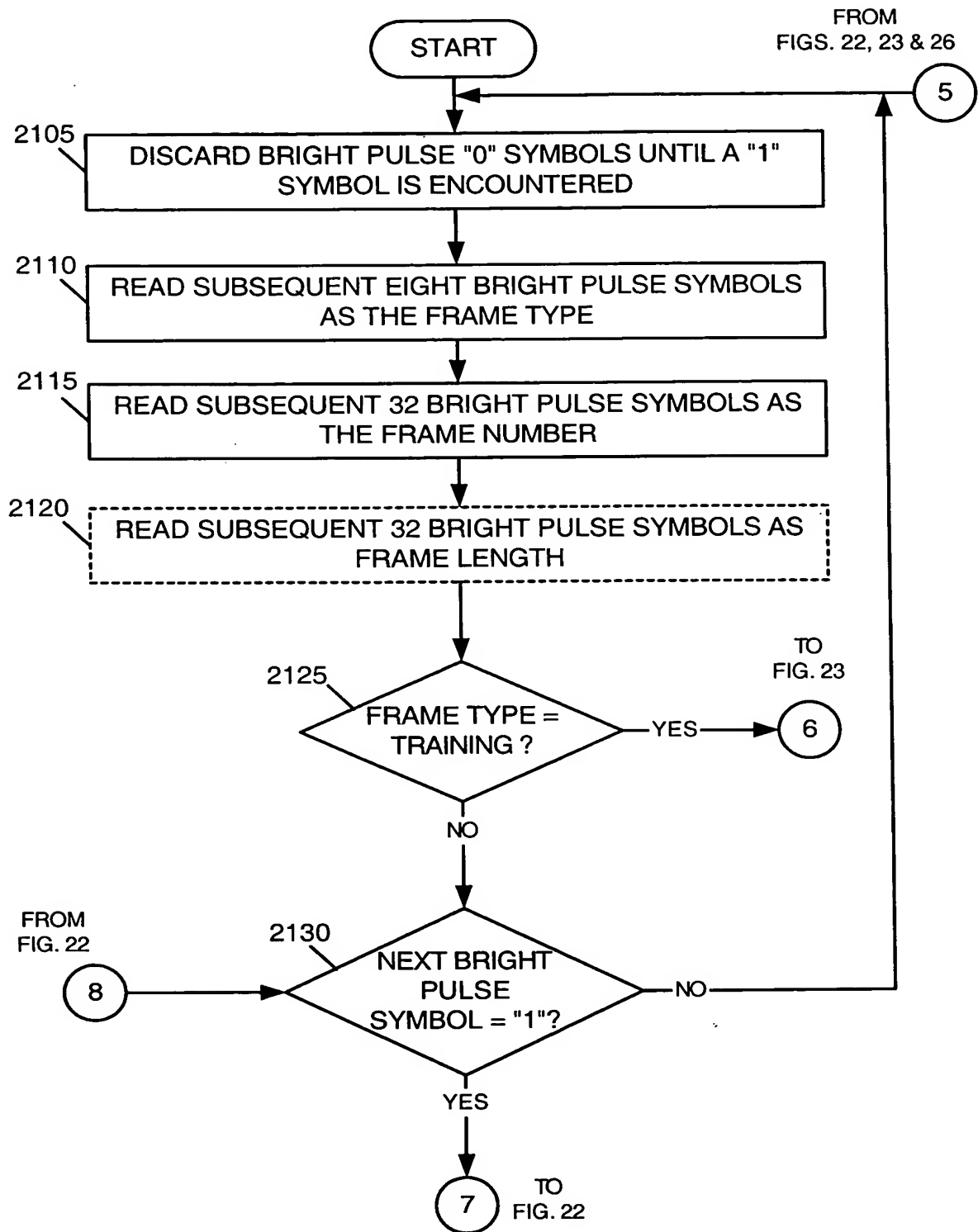


FIG. 21

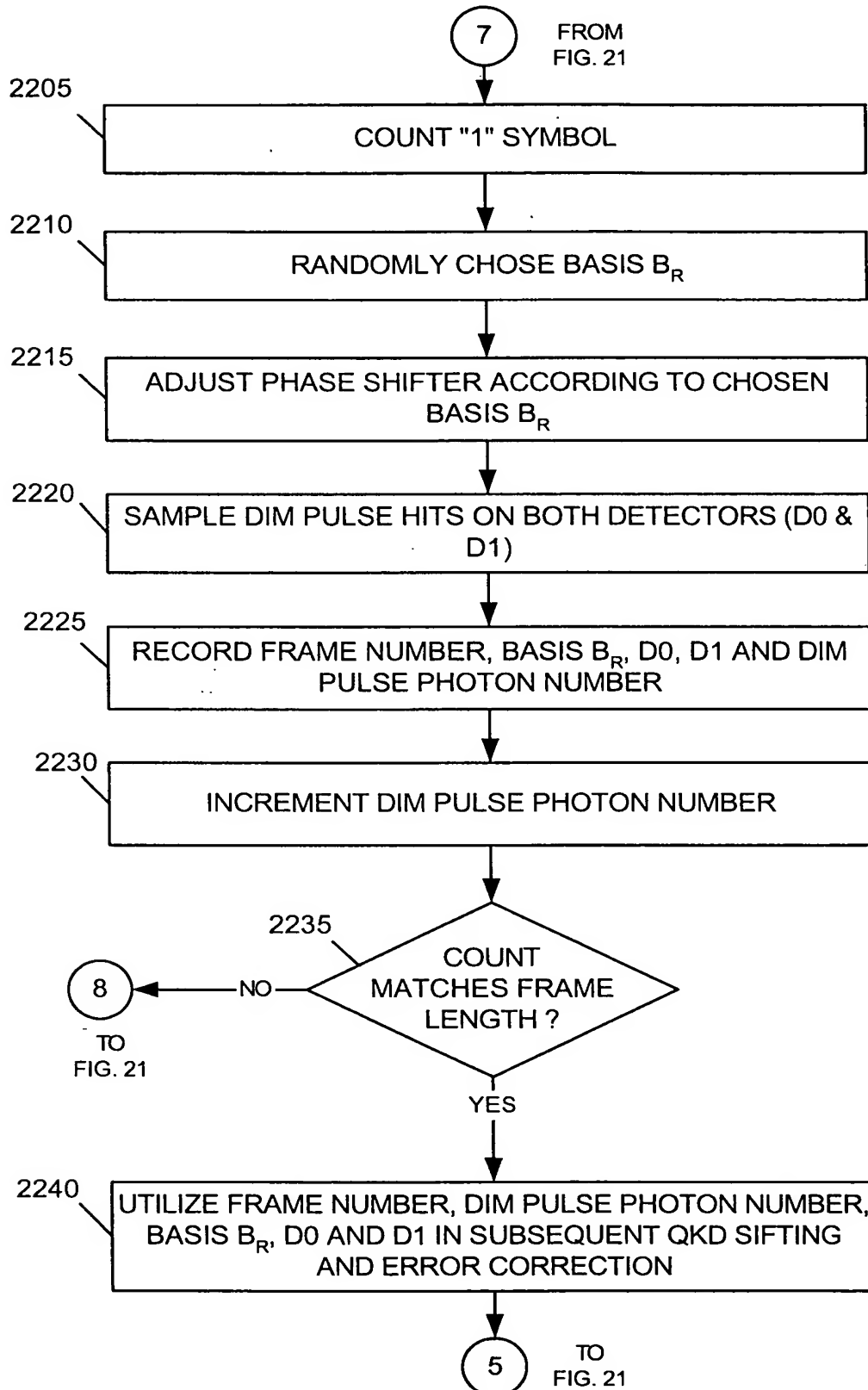


FIG. 22

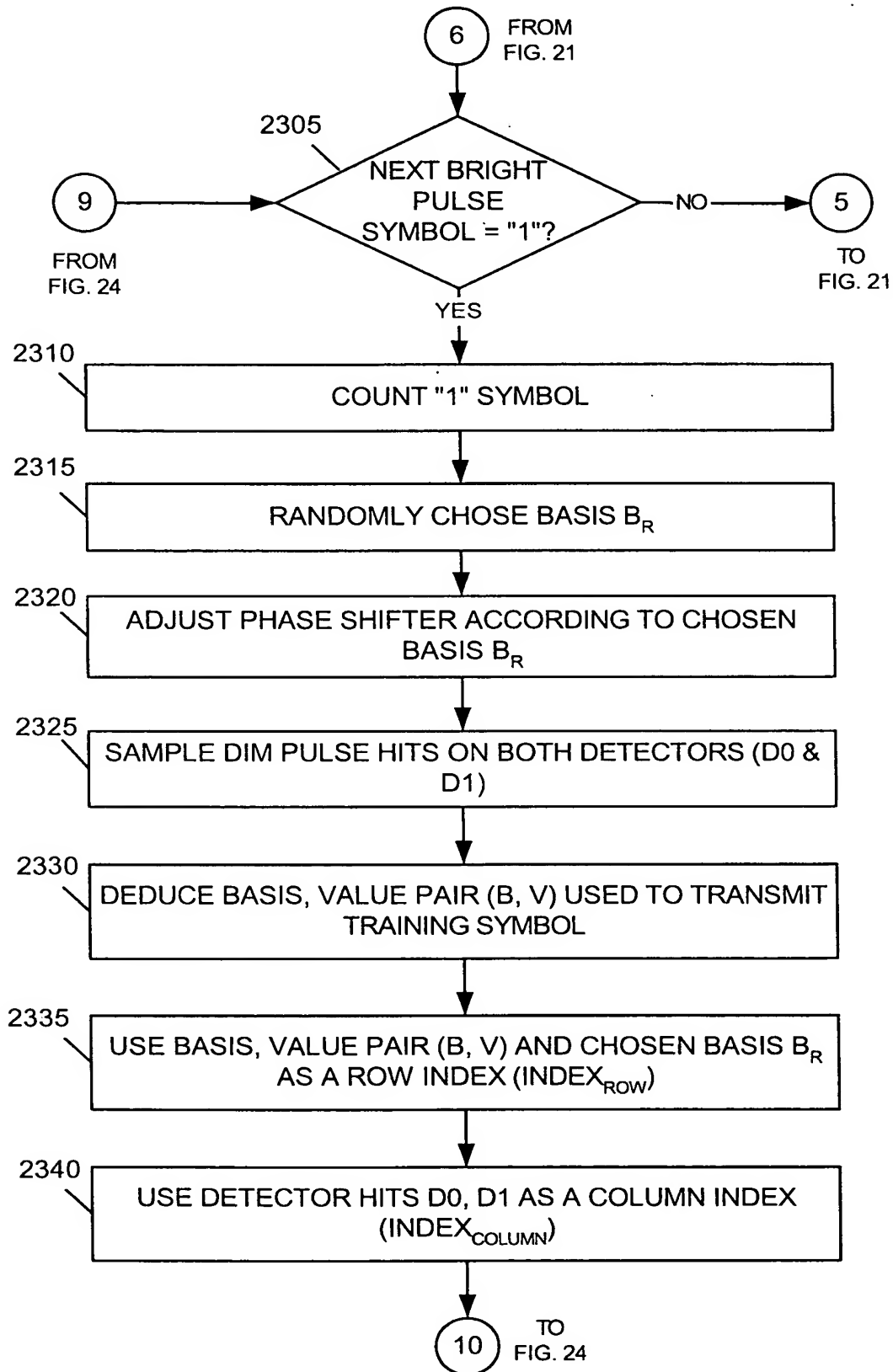


FIG. 23

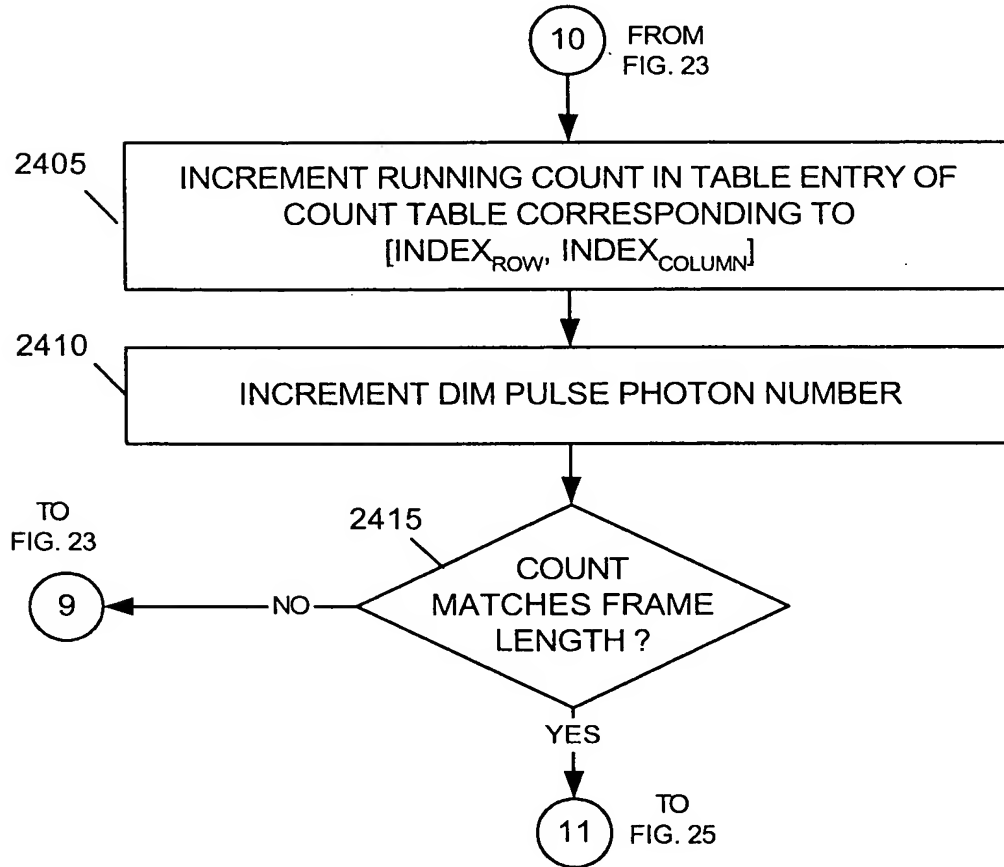


FIG. 24

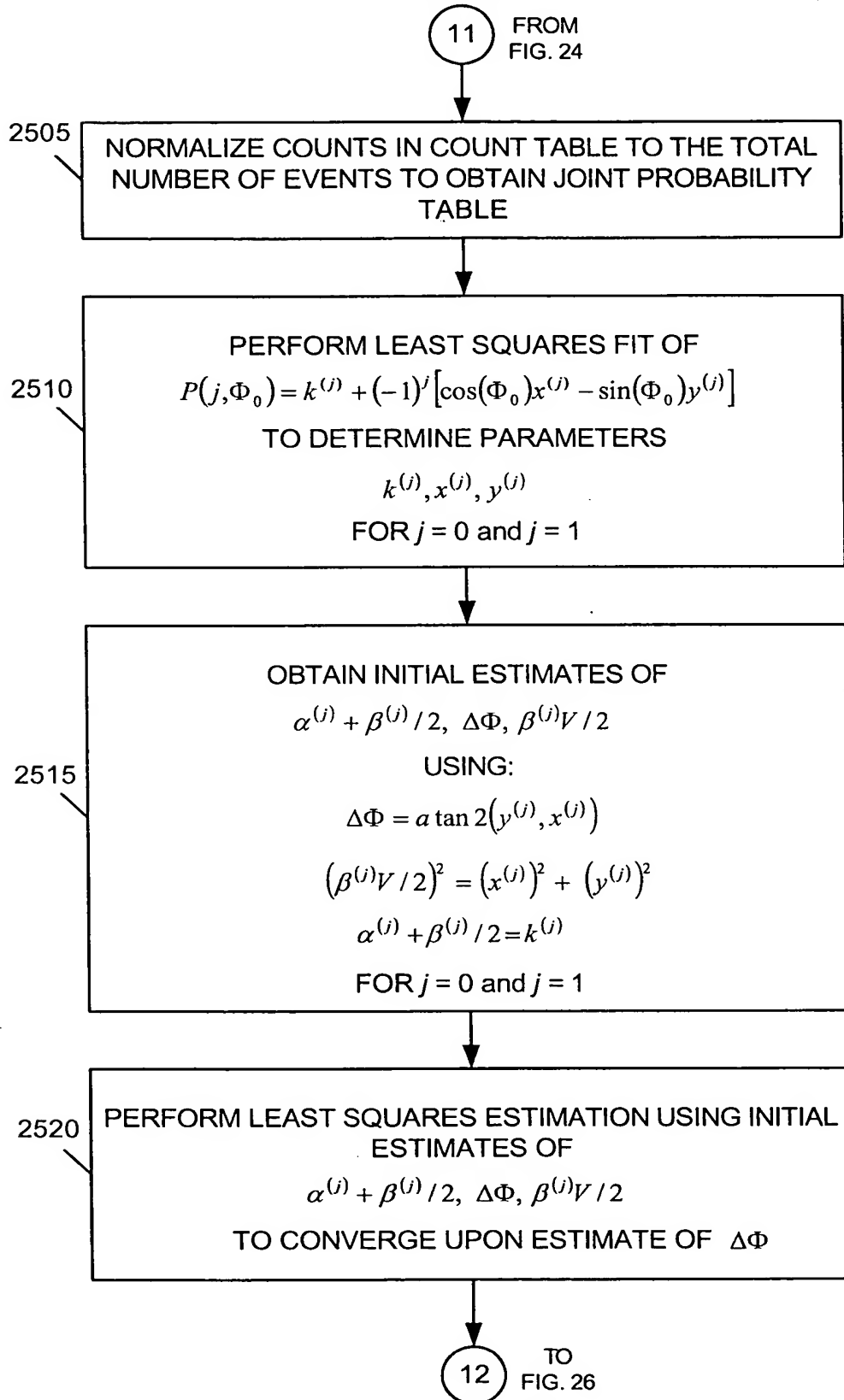


FIG. 25

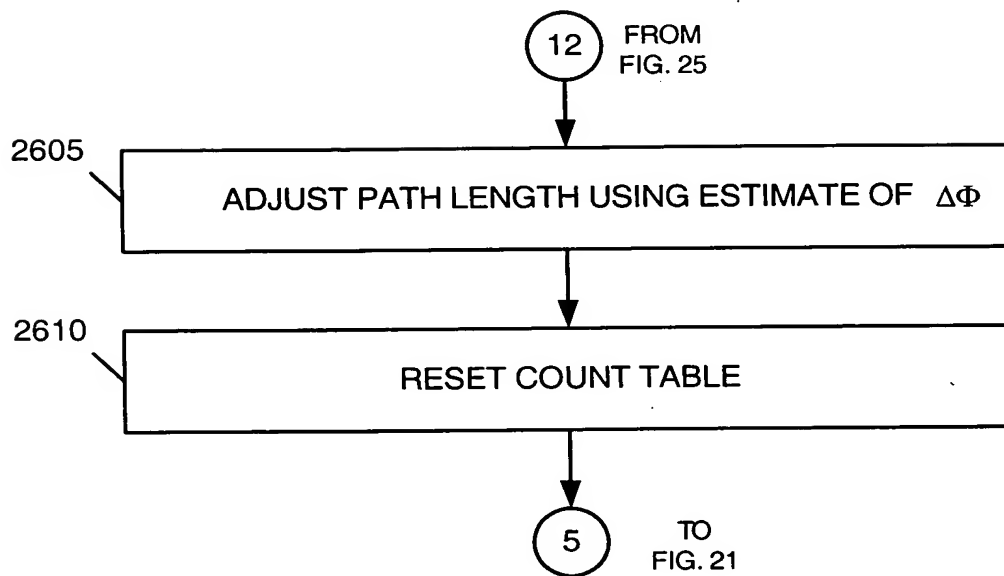


FIG. 26